DECLARATION AND POWER OF ATTORNEY

Attorney's Docket No. 07982-105018

In re Application of: Andrew Joo Klm, Vincent Mark Hietala and Sanjay Bajekal

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name. I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: Adaptive Noise Filtering and Equalization for Optimal High Speed Multilevel Signal Decoding, the specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I do not know and do not believe that the same was ever known or used by others in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to the date of this application. I further state that the invention was not in public use or on sale in the United States of America more than one year prior to the date of this application. I understand that I have a duty of candor and good faith toward the Patent and Trademark Office, and I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37. Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 (a)-(d) of the foreign application(s) for patent or inventor's certificate listed below, and have also identified below any foreign application for patent or inventor's certificate disclosing subject matter in common with the above-identified specification and having a filing date before that of the application on which priority is claimed:

Application No.	Country	Filing Date	Priority Cla	Priority Claimed Under 35 USC §119 (a)-(d)	
None I hereby claim the b below:	enefit under Tit	le 35, United States Code.	Yes § 119(e) of any United	No	
60/396,065 (Application No.	<u>July 15.</u>	2002 Filing Date)	(Application No.)	(Filing Date)	
as the subject matter the manner provided information as define	disclosed and o by the first par ed in Title 37, C	laimed in the present appl agraph of Title 35, United	ication is not disclosed it States Code §112, I ack is, §1.56 which became a	application(s) listed below and, inso n the prior United States application mowledge the duty to disclose mate available between the filing date of	
Application Scri	al No.	Filing Date	Status: patented, p	ending, abandoned	
the like so made are that such willful false POWER OF ATTOF Patent and Trademar 36,942; Holmes J. H. O. Isaacs II-44,165;	punishable by fire statements may RNEY: The following the Conner awkins-38,913; Robert T. Neuf	ne or imprisonment, or both jeopardize the validity of the val	n, under Section 1001 of the application or any pated to prosecute this appli . Knowles-33,052; W. S ?; Charles E. Peeler-45,0 Adams-47,378; Hoang \	wledge that willful false statements at Title 18 of the United States Code, attents issuing thereon. Scatton and transact all business in Scott Petty-35,645; Clark G. Sulliv. 04; A. Shane Nichols-43,836; Williwo-47,158; James M. Hannon-48,50-42,985; Michael L. Wach-P54,5	
Madeline I. Johnston- Send correspondence	to: King & Custome 191 Pea	Spalding LLP or No. 20786 ohtree Street, N.E., 45th Flo Georgia 30303	,	none calls at (404) 572-2884 Steven P. Wigmore	
Full name of first inventor: Andrew Joo Kim			Citizen	ship: USA	
Inventor's signature	Cinchau (for Xim	Date:	7/15/2003	
Residence and Post	Office Addres	ss: 3645 Peachtree Rd, #	312 Atlanta GA 303	10	

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or inventor's certificate li	sted below, and have also in common with the ab	identified below any foreign a ove-identified specification as	a)-(d) of the foreign application(s) for patent application for patent or inventor's certificate and having a filing date before that of the		
Application No. C	ountry Filing Dat	<u>Priorit</u>	v Claimed Under 35 USC §119 (a)-(d)		
None		Yes_	No		
I hereby claim the benefit below:	under Title 35, United S	ates Code, § 119(e) of any U	nited States provisional application(s) listed		
60/396,065	July 15, 2002				
(Application No.)	(Filing Date)	(Application No	.) (Filing Date)		
I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter disclosed and claimed in the present application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:					
Application Serial No	. Filing Date	Status: paten	ted, pending, abandoned		
belief are believed to be the like so made are punis that such willful false state POWER OF ATTORNEY: Trademark Office connected 38,913; Steven P. Wigmore 48,394; Stephanie D. Adam 53,340; Michael S. Pavento-	rue; and further that these hable by fine or imprisonnements may jeopardize the The following are hereby as therewith: Sherry M. Know -40,447; Charles E. Peeler-4: s-47,378; Hoang Vo-47,158;	statement were made with the tent, or both, under Section 10 validity of the application or a spointed to prosecute this applicates-33,052; W. Scott Petty-35,64; 6,004; A. Shane Nichols-43,836; James M. Hannon-48,565; Charl 4,517; Madeline I. Johnston-36,1'84	that all statements made on information and knowledge that willful false statements and DI of Title 18 of the United States Code, and my patents issuing thereon. Ition and transact all business in the Patent and G; Clark G. Sullivan-36,942; Holmes J. Hawkins-William O. Isaacs II-44,165; Robert T. Neufeldes E. Thorpe, Jr48,782; Natasha Horne Moffitt-4Send correspondence to: King & Spalding Steven P. Wigmore		
Full name of second in	ventor: Vincent Mark H	ietala C	itizenship: USA		
Inventor's signature (In Mar !	Hutes "	Oate: 7-15-2003		
Residence and Post Office Address: 1403 White Rim Place, NE, Albuquerque, NM 87112					
Page 2 of 3					

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I hereby claim foreign priority benefits under Title 35, United States Code, §119 (a)-(d) of the foreign application(s) for patent

or inventor's certificate listed below, and have also identified below any forcign application for patent or inventor's certificate disclosing subject matter in common with the above-identified specification and having a filing date before that of the application on which priority is claimed: Application No. Country Filing Date Priority Claimed Under 35 USC §119 (a)-(d) None. I hereby claim the benefit under Title 35. United States Code, § 119(e) of any United States provisional application(s) listed below: 60/396,065 July 15, 2002 (Application No.) (Filing Date) (Application No.) (Filing Date) I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter disclosed and claimed in the present application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application: Application Serial No. Filing Date Status: patented, pending, abandoned None I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statement were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issuing thereon. POWER OF ATTORNEY: The following are hereby appointed to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: Sherry M. Knowles-33,052; W. Scott Petty-35,645; Clark G. Sullivan-36,942; Holmcs J. Hawkins-38,913; Steven P. Wigmore-40,447; Charles E. Peeler-45,004; A. Shane Nichols-43,836; William O. Isaacs II-44,165; Robert T. Neufeld-48,394; Stephanie D. Adams-47,378; Hoang Vo-47,158; James M. Hannon-48,565; Charles E. Thorpe, Jr.-48,782; Natasha Home Moffitt-53,340; Michael S. Pavento-42,985; Michael L. Wach-P54,517; Madeline I. Johnston-36,174 Send correspondence to: King & Spalding LLP Direct telephone calls at (404) 572-2884 Customer No. 20786 191 Peachtree Street, N.E., 45th Floor Steven P. Wigmore Atlanta, Georgia 30303 Full name of third inventor: Sanjay Bajekal Citizenship: USA Inventor's signature Shakkal Date: 15th July 2003 Residence and Post Office Address: 3703 Baccurate Way, Marietta, GA 30062